

# 304 – IS 6911: 2017- Technical Datasheet

## 1. Chemical & Mechanical Properties (Annealed, CR Sheet)

Property	Value
C (%)	≤0.07
Mn (%)	≤2.00
Si (%)	≤1.00
P (%)	≤0.045
S (%)	≤0.030
Cr (%)	17.5–19.5
Ni (%)	8.0–10.5
Mo (%)	—
N (%)	≤0.10
UTS (MPa min)	515
YS 0.2% (MPa min)	205
El (%) min	40

## 2. Equivalent / Alternative Grades

Grade	Standard	UNS	EN	JIS
<b>304</b>	ASTM A240 / EN 10088 / JIS G 4305	S30400	1.4301	SUS304

## 3. Common Applications

- Kitchen equipment
- Chemical process vessels
- Automotive exhaust

## 4. Standard Conformance

Cold-rolled stainless-steel sheet and strip conforming to IS 6911 : 2017.

## 5. Disclaimer

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